STRING PROJECT
hexa pro

1,25 mm
mono

temp 25°C - relative humidity 65%

pro-t-one

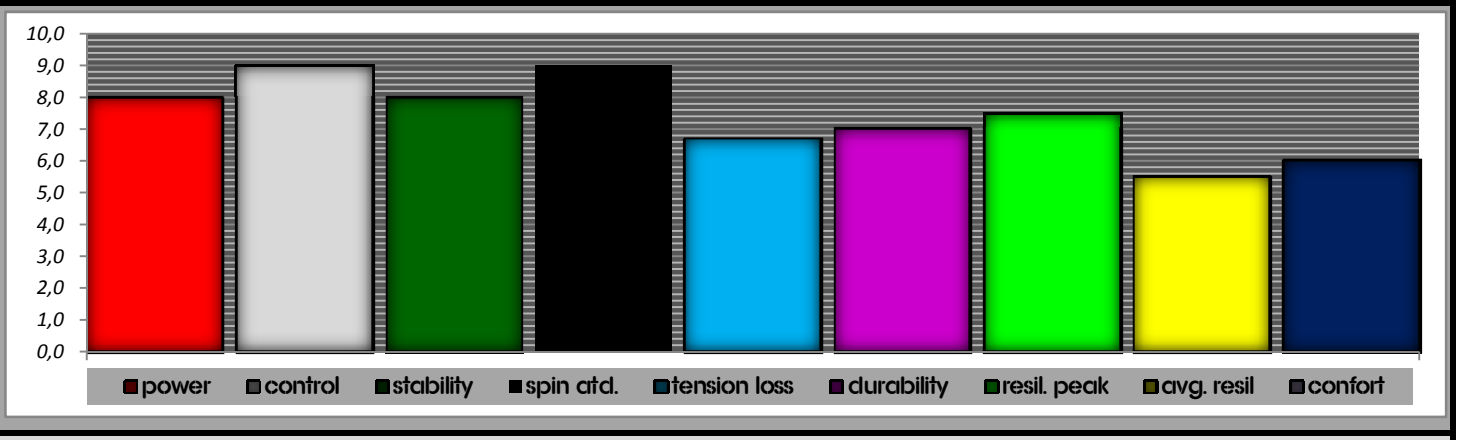
POWER LEVEL	640pnt	8,0/10	power attitude				
CONTROL LEVEL	1180pnt	9,0/10	control attitude			9,5/10	stiffness
STABILITY LEVEL	794pnt	7,5/10	stability attiutude-consistency				
SPIN POTENTIAL	1,0	9,0/10					
MAX RESILIENCE RANGE	15kg	19kg	maximum resilience range				
RECOMMENDED TENSION	17kg	22kg					
TENSION LOSS INDEX 300	20%	7,0/10	tension loss after 300" - 5mins				
PLAYING LIFE (tension-resilience)	184%	7,0/10	dyn str life		8 - hrs	12 - hrs	(approx.)

RESILIENCE PEAK	70kgmm	7,5/10	reactivity level:			high	
AVERAGE RESILIENCE	160kgmm	5,5/10	vs gut			4-cycles	
STRING PLANE STIFFNESS 22,5kg		6,5/10	new	⇨		10+/10	used
STRING PLANE STIFFNESS 27,5kg		13,0/10	new	⇨		10+/10	used

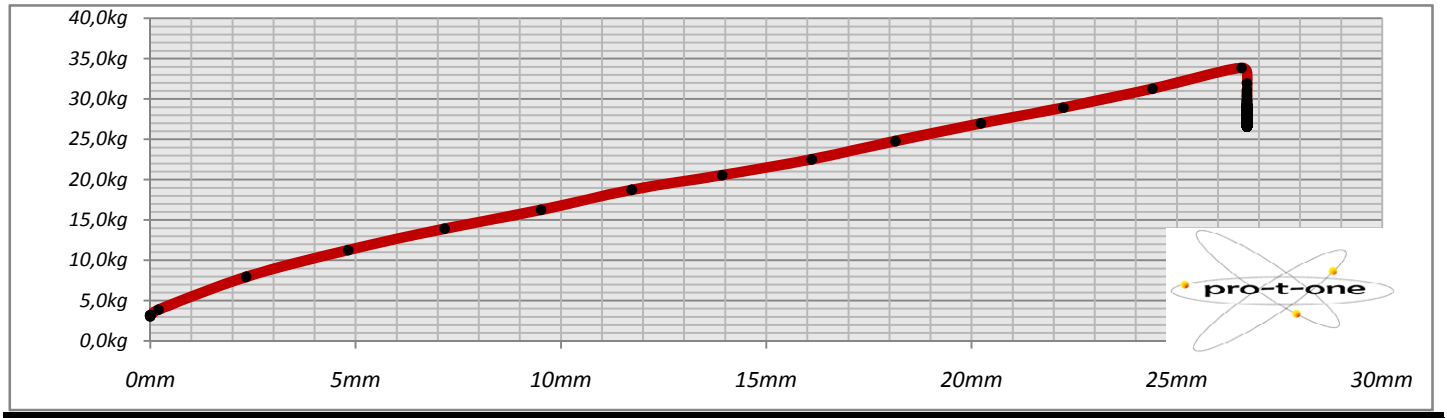
PRESTRECH		NO	recommended %			---	5%
PROGRESSIVE PLASTICIZATION		YES	def. plast.			3,1mm	5%

		kg/mm				kg/mm	
STATIC STIFFNESS 10-15kg	tough	1,25	new	148%	⇨	1,85	used
STATIC STIFFNESS 15-20kg	tough	1,00	new	185%	⇨	1,85	used
STATIC STIFFNESS 20-25kg	medium-tough	0,95	new	184%	⇨	1,75	used
STATIC STIFFNESS 25-30kg	tough	1,00	new	170%	⇨	1,70	used
STATIC STIFFNESS 30-35kg	tough	1,10	new	155%	⇨	1,70	used
AVG. STATIC STIFFNESS 15-30	med-tough	0,98	kg/mm				

	g/mm					
DYNAMIC STIFFNESS	240	±2 g/mm	sample time 20ms			
	high ++	9,5/10	reference tension 20kg			
STRING STIFFNESS EMULATOR	248	±2 lb/inch	string legnth 325mm - deflection 10mm			
ARM PROT - CONFORT LEVEL	6,0/10	medium	5,5/10	7,1/10		

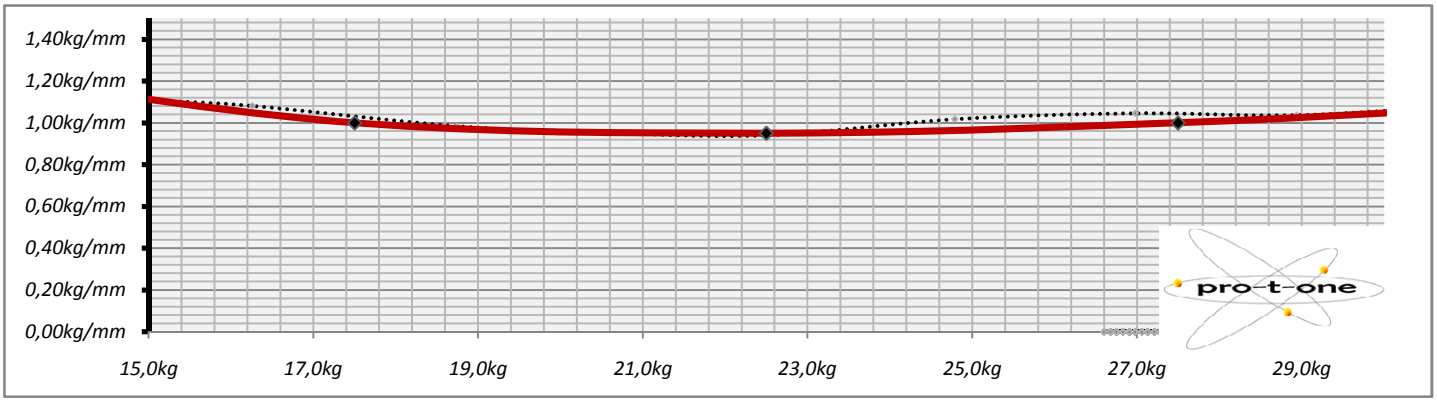


DEFORMATION - LOAD DIAGRAM

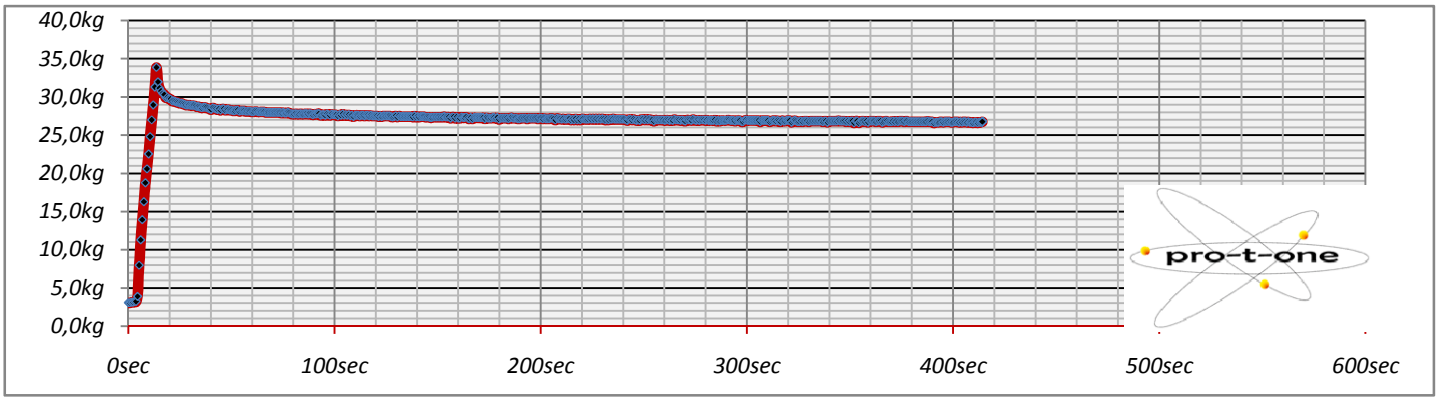


STRING PROJECT	1,25	mm	temp 25°C - relative humidity 65%		
hexa pro			sample time	700-800ms	
mono			starting length	300mm	
static stiffness 10-15kg	1,25	kg/mm	static stiffness 20-25kg	0,95	kg/mm
static stiffness 15-20kg	1,00	kg/mm	static stiffness 25-30kg	1,00	kg/mm

STRING STATIC STIFFNESS MODULUS



TENSION LOSS DIAGRAM



HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES